

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,634,084 B2
APPLICATION NO. : 10/582803
DATED : December 15, 2009
INVENTOR(S) : Yuichi Futa et al.

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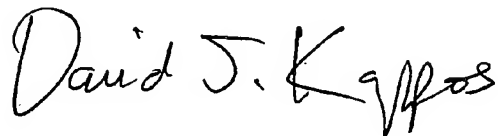
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 80, claim 1, line 17, " $N = 2 \times \text{random information } R \times \text{prime } q \div 1$ " should read -- $N = 2 \times \text{random information } R \times \text{prime } q + 1$ --.

In column 81, claim 8, line 49, "random information $R \times \text{prime } q \times 1$ " should read -- random information $R \times \text{prime } q + 1$ --.

Signed and Sealed this

Thirteenth Day of April, 2010

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style.

David J. Kappos
Director of the United States Patent and Trademark Office